

AO 120 (Rev. 3/04)

<b>TO:</b> Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	<b>REPORT ON THE          FILING OR DETERMINATION OF AN          ACTION REGARDING A PATENT OR          TRADEMARK</b>
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been  
 filed in the U.S. District Court Northern District of Georgia on the following ☒ Patents or ☐ Trademarks:

DOCKET NO. 1:10-cv-20-CAP	DATE FILED 1/5/2010	U.S. DISTRICT COURT Northern District of Georgia
PLAINTIFF Southern Mills, Inc.		DEFENDANT International Textiles Group, Inc.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 7,589,036 B2	9/15/2009	Southern Mills, Inc.
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director  
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy



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(12) **United States Patent**  
**Corner et al.**

(10) **Patent No.:** **US 7,589,036 B2**  
(45) **Date of Patent:** **\*Sep. 15, 2009**

(54) **FLAME RESISTANT FABRICS HAVING INCREASED STRENGTH**

(75) **Inventors:** Christopher Corner, Atlanta, GA (US);  
Charles S. Dunn, Mableton, GA (US)

(73) **Assignee:** Southern Mills, Inc., Union City, GA (US)

(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) **Appl. No.:** 10/715,317

(22) **Filed:** Nov. 17, 2003

(65) **Prior Publication Data**

US 2004/0152378 A1 Aug. 5, 2004

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 10/269,213, filed on Oct. 3, 2002, now Pat. No. 7,393,800, which is a continuation-in-part of application No. 10/165,795, filed on Jun. 7, 2002, now abandoned.

(51) **Int. Cl.**  
**D03D 15/12** (2006.01)

(52) **U.S. Cl.** 442/301; 442/302; 57/210;  
57/224; 57/229; 57/243; 57/248

(58) **Field of Classification Search** 442/301,  
442/302; 57/243, 248, 210, 224, 229  
See application file for complete search history.

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(57) **ABSTRACT**

In one embodiment, a flame resistant fabric includes a plurality of flame resistant body yarns that form a body of the fabric, and a plurality of relatively tough yarns provided in discrete positions within the fabric body, the relatively tough yarns comprising a filament yarn that includes a filament composed of one of polyolefin, flame resistant polyester, polytetrafluoroethylene, polyetheretherketone, polyetherimide, polysulfar, polyimide, polyamide, polyimideamide, polybenzoxazole, polybenzimidazole, carbon, and glass.

**25 Claims, 5 Drawing Sheets**

